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Nomenclatural revision of four *Peziza* species

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Abstract — Three replacement names and a new combination are published for four *Peziza* species whose current names in *Peziza* are illegitimate later homonyms: *Peziza delilei* nom. nov. (≡ *P. viridifusca* Delile ex De Seynes), *Peziza elaeocarpa* comb. nov. (≡ *P. olivacea* Quél.), *Peziza pauli* nom. nov. (≡ *P. martinii* Donadini), and *Peziza queletii* nom. nov. (≡ *P. ampelina* Quél.).

Key words — *Pezizaceae*, *Pezizales*, nomina nova

Some species of European *Peziza* Dill. ex Fr. : Fr. have no legitimate names in *Peziza* and are known currently by illegitimate names (later homonyms; McNeill et al. 2012, Article 53.1). This work resolves these nomenclatural irregularities.

Peziza delilei Medardi, Lantieri & Cacialli, **nom. nov**.

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≡ *Peziza viridifusca* Delile ex De Seynes, in De Seynes, Veg. Inf. 3: 83. 1886, nom. illegit., non *Peziza viridifusca* Fuckel 1870.

≡ *Humaria viridifusca* Sacc., Syll. Fung. 8: 149. 1889.

≡ *Galactinia viridifusca* (Sacc.) Boud., Hist. Class. Discom. Eur.: 48. 1907.

Etymology: after Alire Raffenau Delile, who discovered the species.

Peziza elaeocarpa (Sacc.) Medardi, Lantieri & Cacialli, **comb. nov**.

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≡ *Peziza olivacea* Quél., Bull. Soc. Bot. Fr. 25(4): 291. 1879 ["1878"], nom. illegit., non *Peziza olivacea* Batsch 1783.

≡ *Humaria elaeocarpa* Sacc., Syll. Fung. 8: 148. 1889.

Peziza pauli Medardi, Lantieri & Cacialli, **nom. nov**.

MycoBank MB808493

≡ *Peziza martinii* Donadini, Bull. Soc. Linn. Provence 35: 171. 1985 ["1984"], as "*martini*", nom. illegit., non *Peziza martinii* Pers. : Fr. 1822.

Etymology: from *Paulus*, the Latinized baptismal name of Paul Martin, to whom the species was originally dedicated.

Peziza queletii Medardi, Lantieri & Cacialli, **nom. nov**.

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≡ *Peziza ampelina* Quél., Grevillea 8(47): 116. 1880, nom. illegit., non *Peziza ampelina* Pass. 1874.

≡ *Plicaria ampelina* Rehm, Rabenh. Krypt.-Fl., Ed. 2, 1(3): 1003. 1894.

≡ *Galactinia ampelina* (Rehm) Boud., Hist. Class. Discom. Eur.: 47. 1907.

Etymology: after Lucien Quélet, who discovered the species.

Comments: We do not accept the synonymy of *P. ampelina* Quél. with *P. arenaria* Osbeck 1762 (as reported by Species Fungorum, http://www.speciesfungorum.org/GSD/GSDspecies.asp?RecordID=148680); the few characters of Osbeck's original diagnosis of *P. arenaria* delineate a brown, cup-shaped, sabulicolous species with a split margin, not a typical violaceous, saucer-shaped fungus, which is *P. ampelina* of Quélet.

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